



Anti-FGF19 monoclonal antibody, clone 228722 (DCABY-3997)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	FGF-19 is a member of the FGF superfamily of heparin-binding mitogenic molecules characterized by the presence of a core, 120 amino acid (aa) beta-trefoil structure. Human FGF-19 cDNA predicts a 251 aa precursor protein with a 22 aa signal peptide and a 229 aa secreted mature protein with no potential N-linked glycosylation sites.
Specificity	Detects human FGF-19 in direct ELISAs and Western blots. Shows approximately 10% cross-reactivity with recombinant human (rh) FGF-3 and rhFGF-5 and no cross-reactivity with rhFGF-4, rhFGF-6, rhFGF-7, rhFGF-9, rhFGF-10, rhFGF-13, rhFGF-16, rhFGF-17, rhFGF-18, rhFGF acidic, and rhFGF basic.
Immunogen	E. coli-derived recombinant human FGF-19. Phe27-Lys216 Accession Number O95750
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	228722
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair), Blockade of Receptor-ligand Interaction
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month from date of receipt, 2 to 8 °C, reconstituted.</p> <p>6 months from date of receipt, -20 to -70 °C, reconstituted.</p>

GENE INFORMATION

Gene Name	FGF19 fibroblast growth factor 19 [Homo sapiens (human)]
Official Symbol	FGF19
Synonyms	FGF19; fibroblast growth factor 19; FGF-19;
Entrez Gene ID	9965
Protein Refseq	NP_005108
UniProt ID	O95750
Chromosome Location	11q13.1
Pathway	Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR); Downstream signaling of activated FGFR;
Function	fibroblast growth factor receptor binding; growth factor activity; protein binding;